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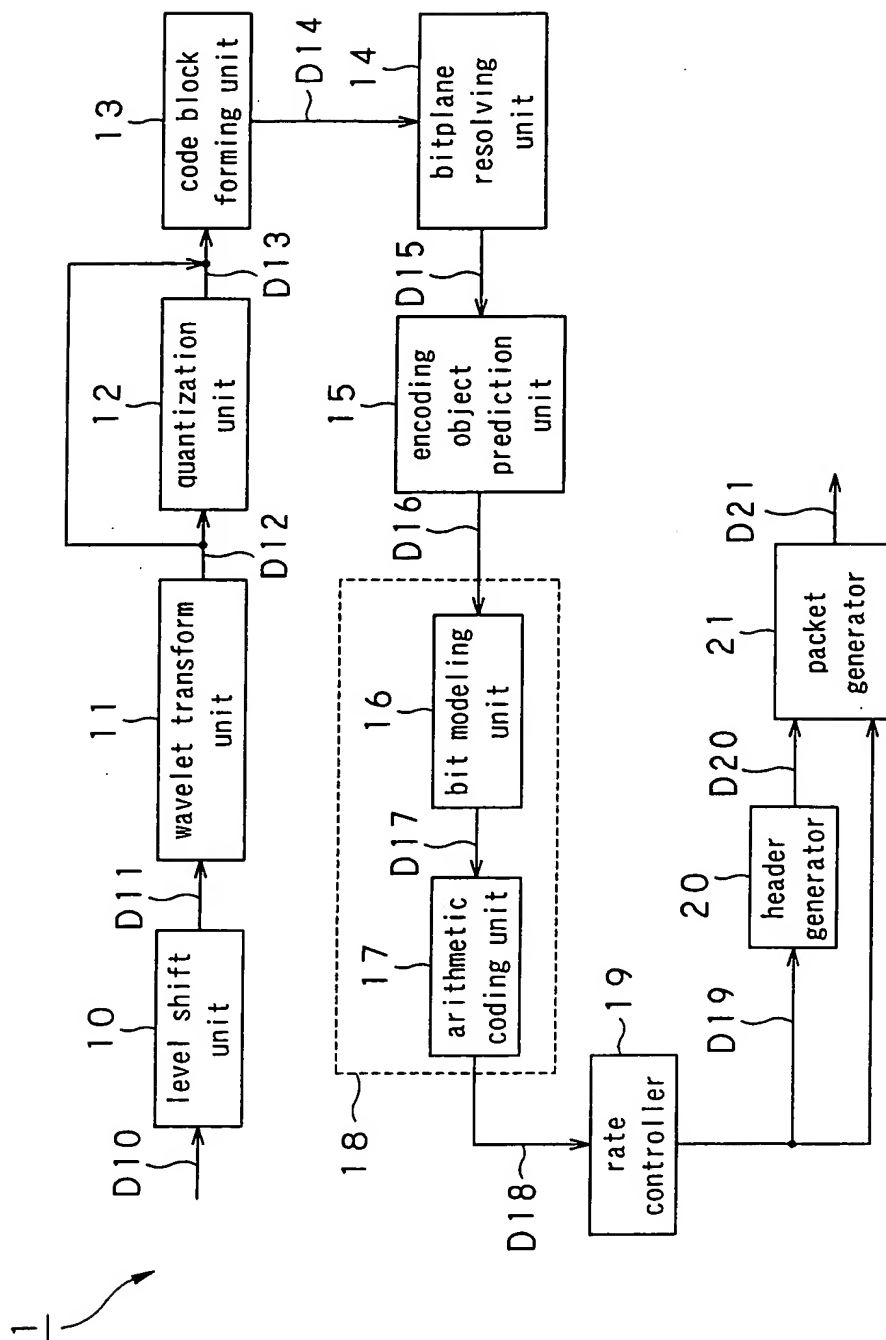


FIG. 1

0 L L	1 H L	2 H L	3 H L
1 L H	1 H H		
2 L H		2 H H	
3 L H			3 H H

FIG.2

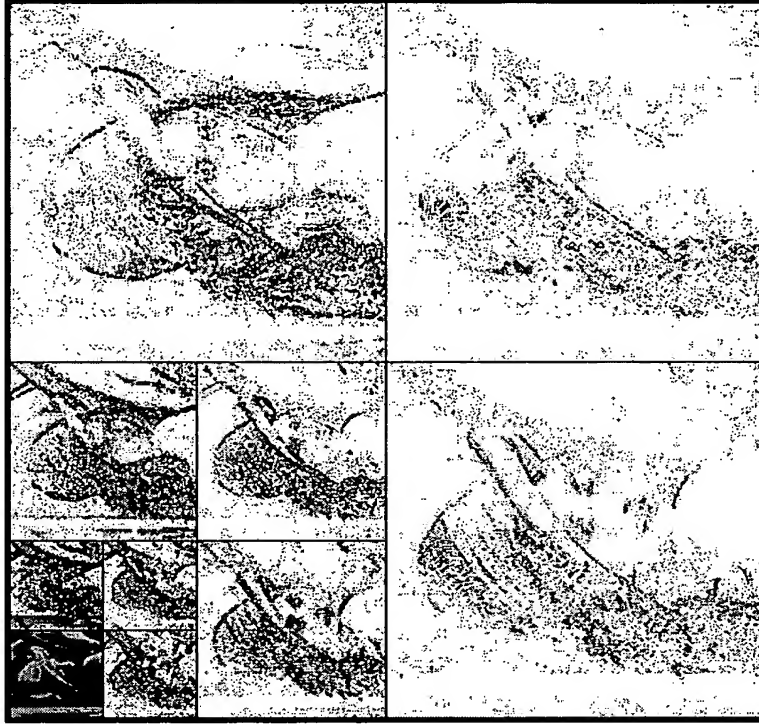


FIG.3B

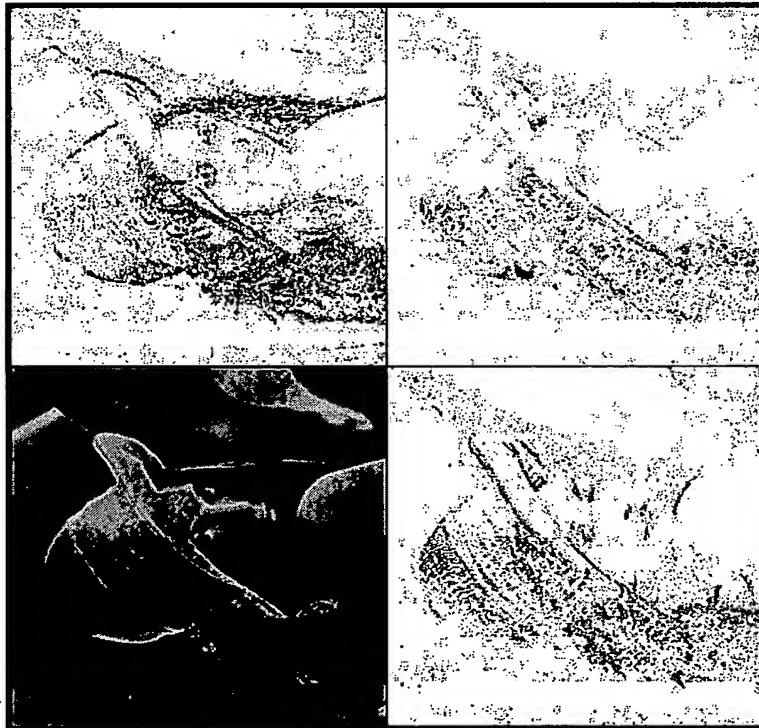


FIG.3A

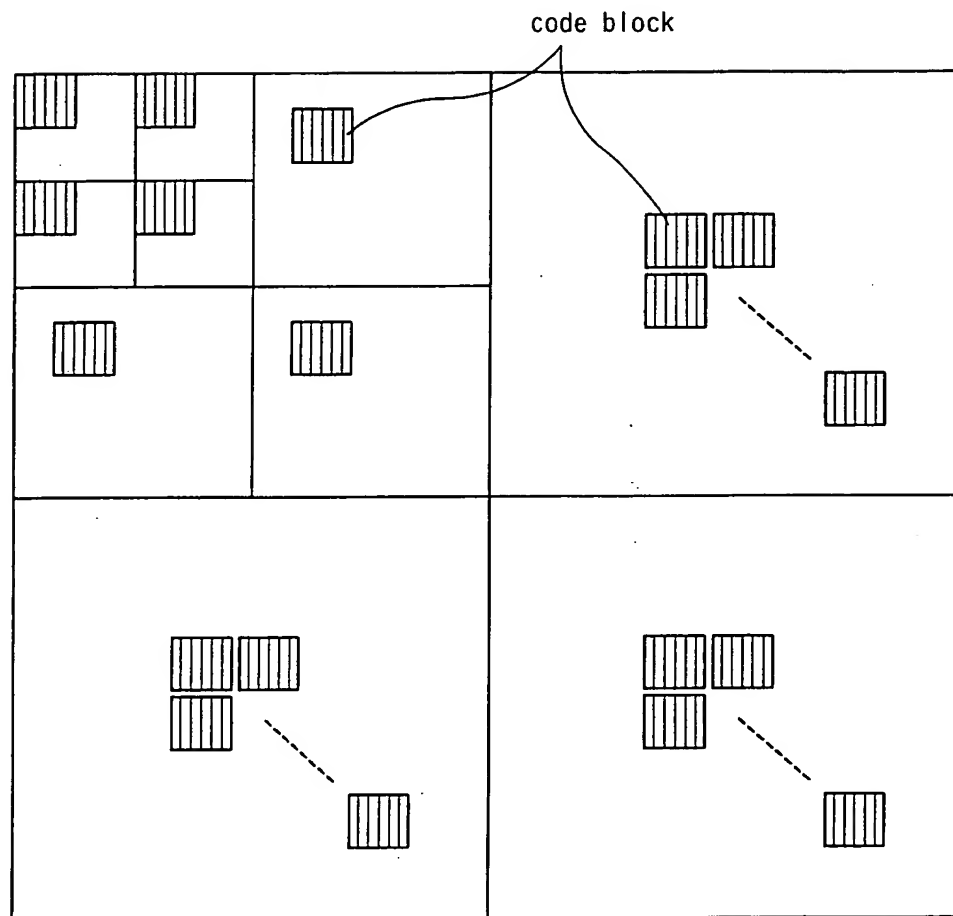


FIG.4

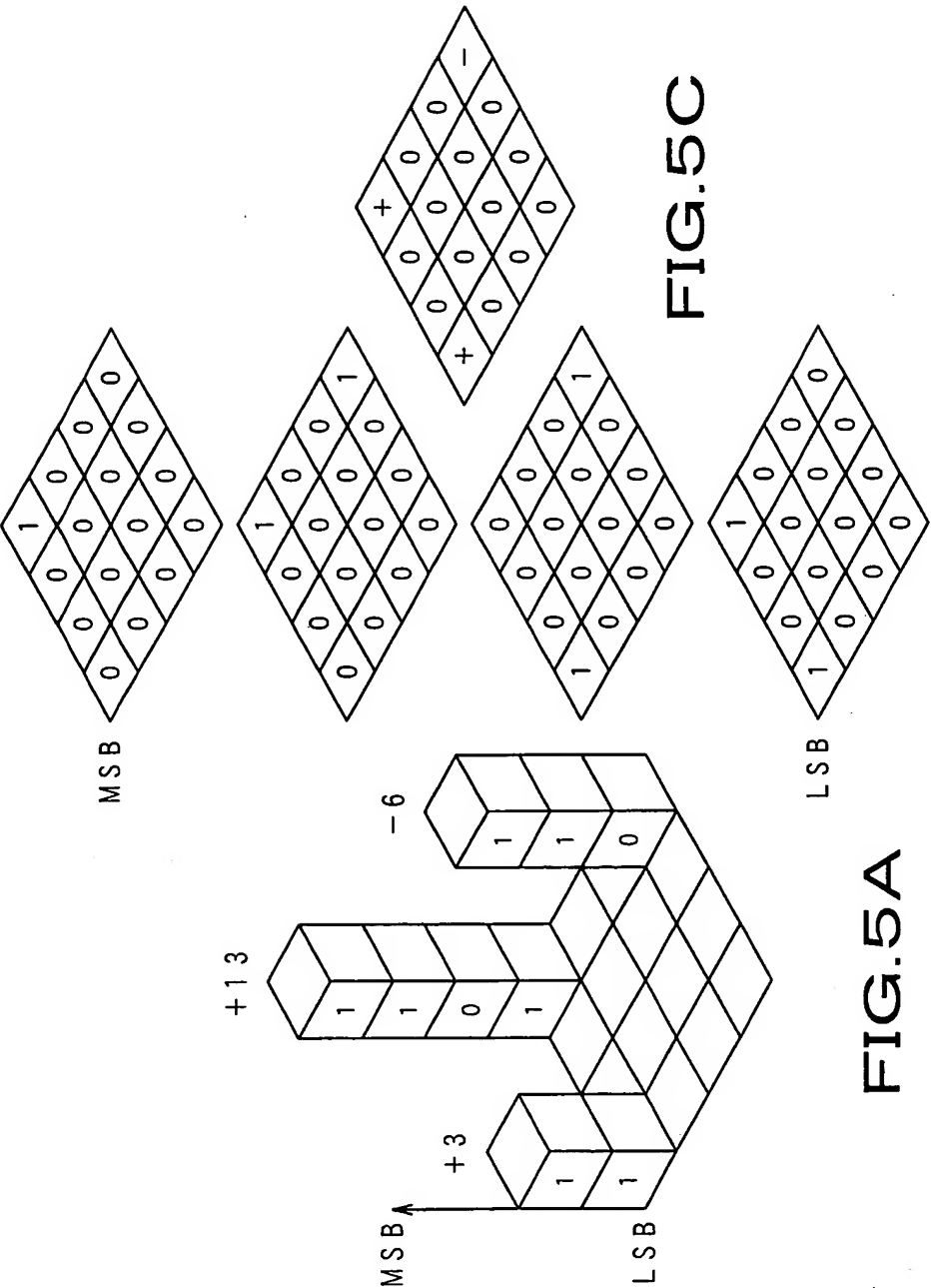


FIG. 5B

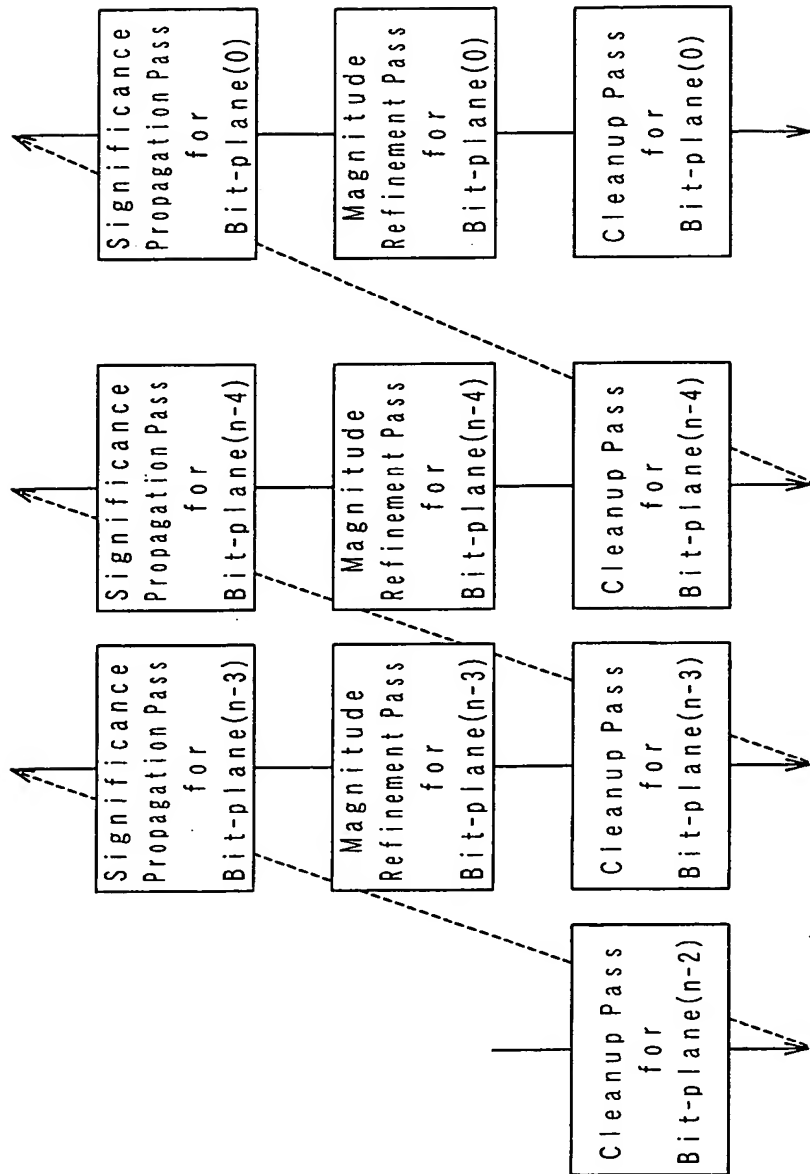


FIG. 6

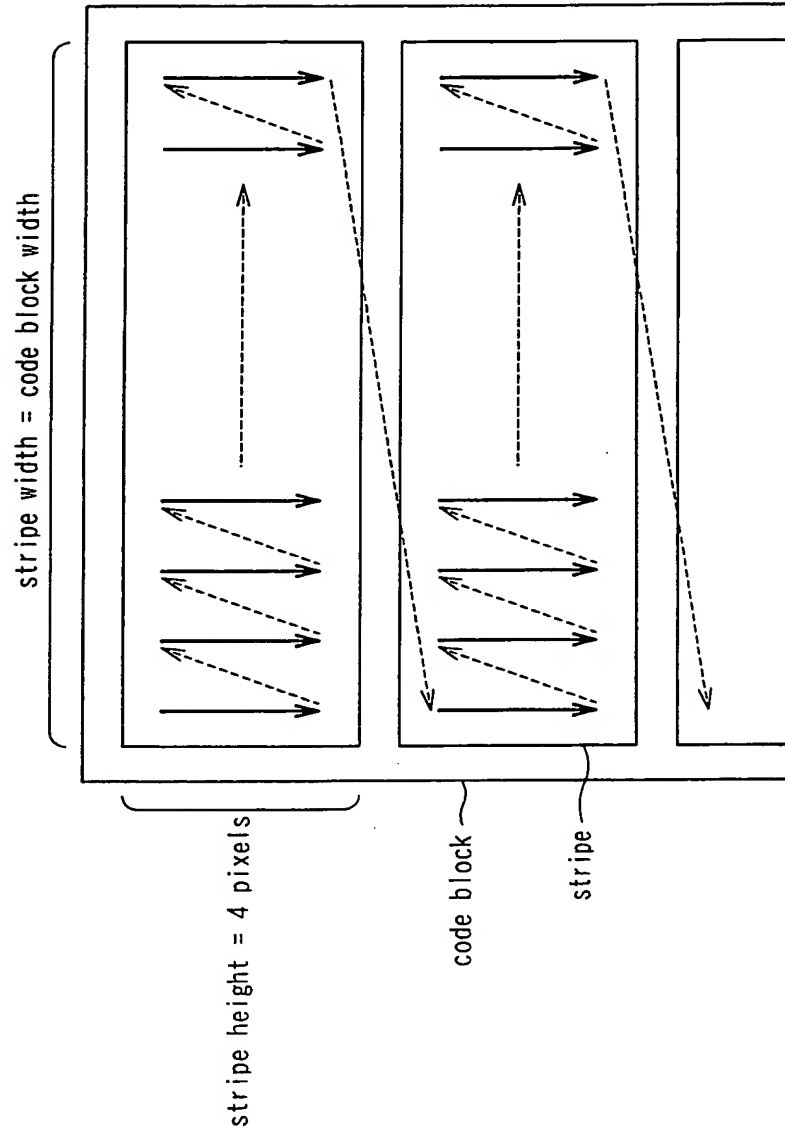


FIG.7

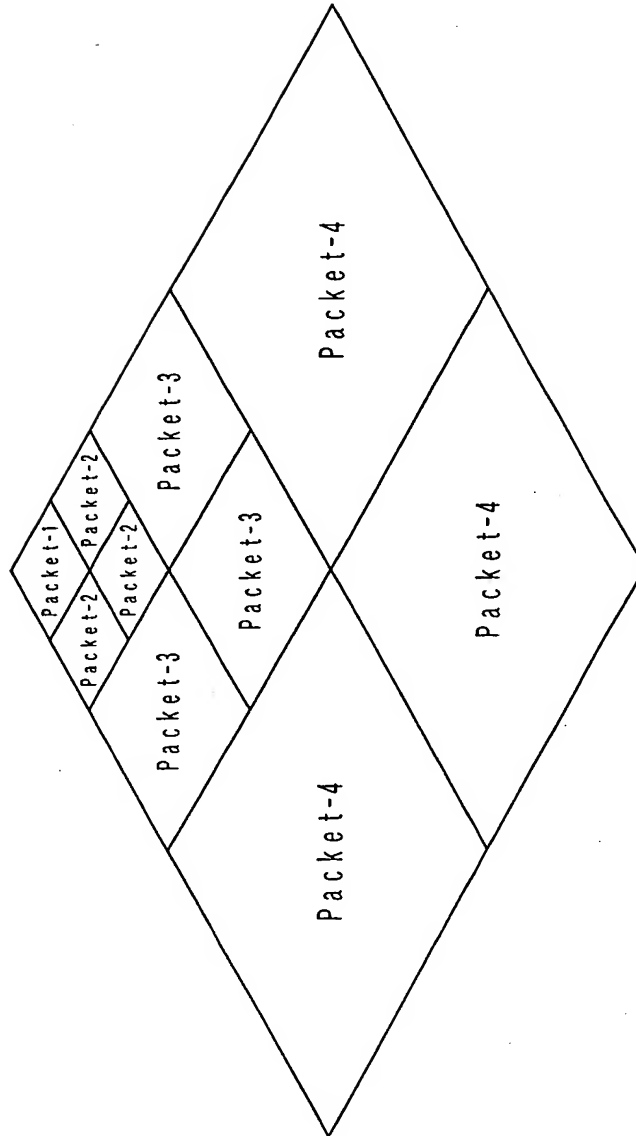


FIG.8

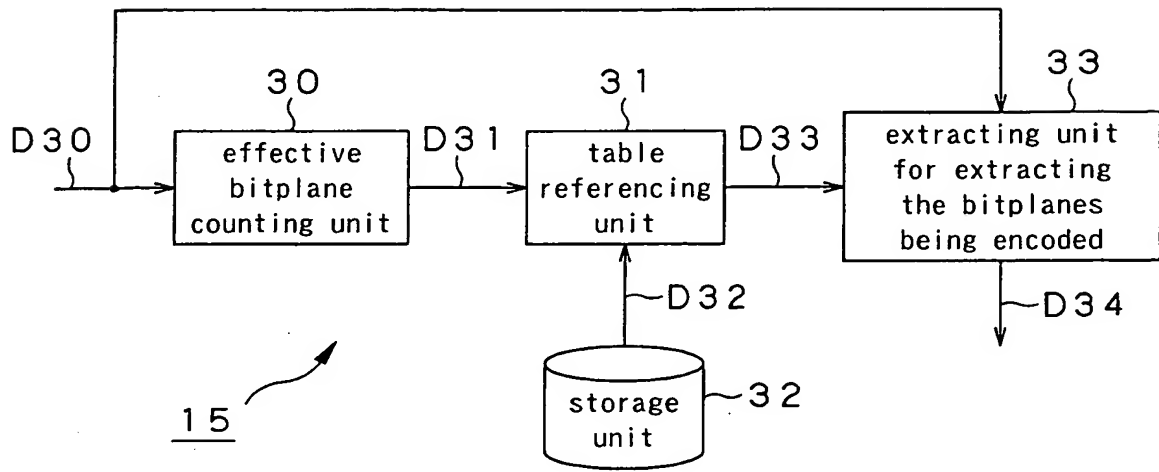


FIG. 9

number of effective bitplanes	number of bitplanes for encoding
0-5 0 0	4
5 0 1-1 0 0 0	5
1 0 0 1-	6

FIG. 10

L e v e l	HL	LH	HH
1	0-5 0 0 4	0-5 0 0 4	0-5 0 0 3
	5 0 1-1 0 0 0 5	5 0 1-1 0 0 0 5	5 0 1-1 0 0 0 4
	1 0 0 1- 6	1 0 0 1- 6	1 0 0 1- 5
2	0-5 0 0 4	0-5 0 0 3	0-5 0 0 3
	5 0 1-1 0 0 0 5	5 0 1-1 0 0 0 4	5 0 1-1 0 0 0 4
	1 0 0 1- 6	1 0 0 1- 5	1 0 0 1- 5
3	0-5 0 0 3	0-5 0 0 3	0-5 0 0 3
	5 0 1-1 0 0 0 4	5 0 1-1 0 0 0 4	5 0 1-1 0 0 0 4
	1 0 0 1- 5	1 0 0 1- 5	1 0 0 1- 5
4	0-5 0 0 1	0-5 0 0 1	0-5 0 0 1
	5 0 1-1 0 0 0 2	5 0 1-1 0 0 0 2	5 0 1-1 0 0 0 2
	1 0 0 1- 3	1 0 0 1- 3	1 0 0 1- 3
5	0-5 0 0 1	0-5 0 0 1	0-5 0 0 1
	5 0 1-1 0 0 0 2	5 0 1-1 0 0 0 2	5 0 1-1 0 0 0 2
	1 0 0 1- 3	1 0 0 1- 3	1 0 0 1- 3

FIG. 1 1


	3 H L	4 H L	5 H L
3 L H	3 H H		
4 L H		4 H H	5 H H
5 L H			

FIG. 1 2

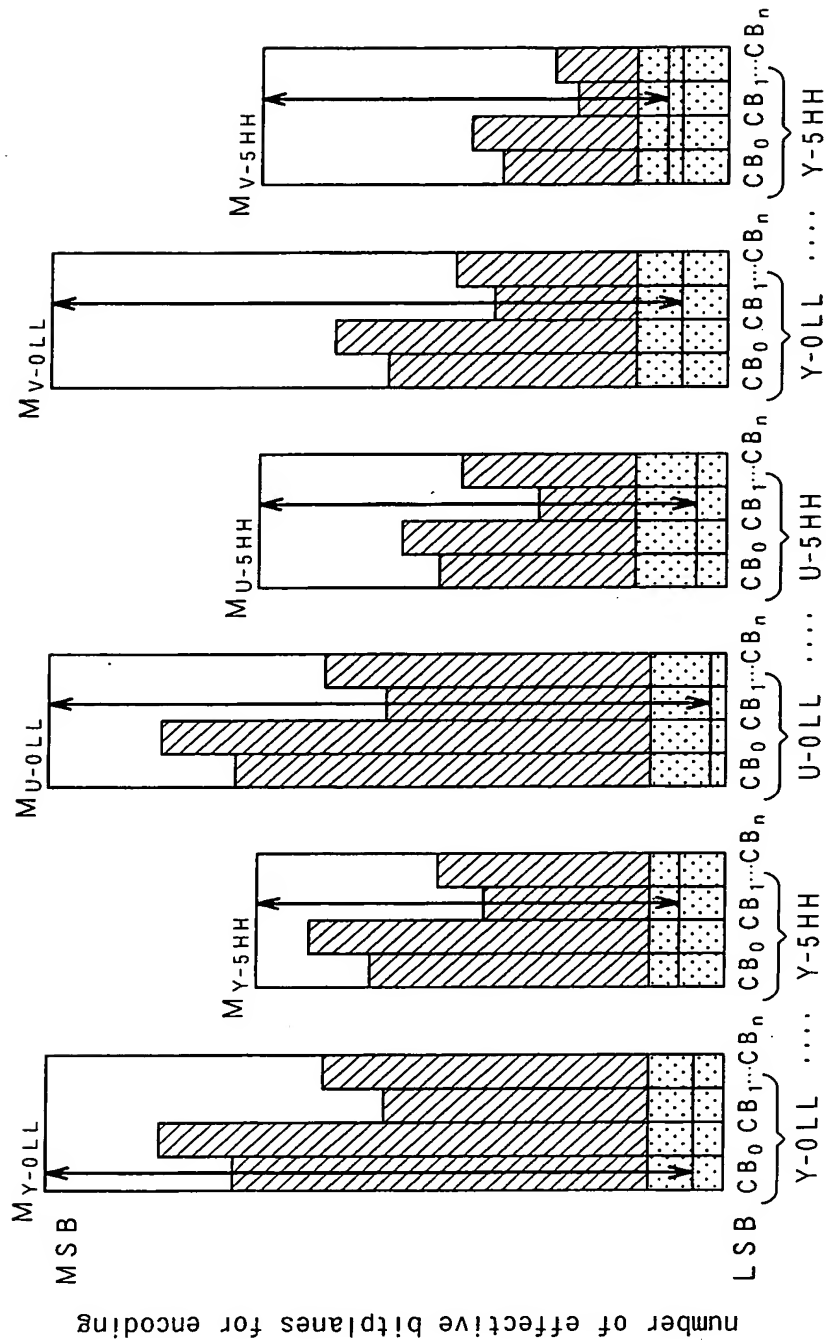


FIG. 13

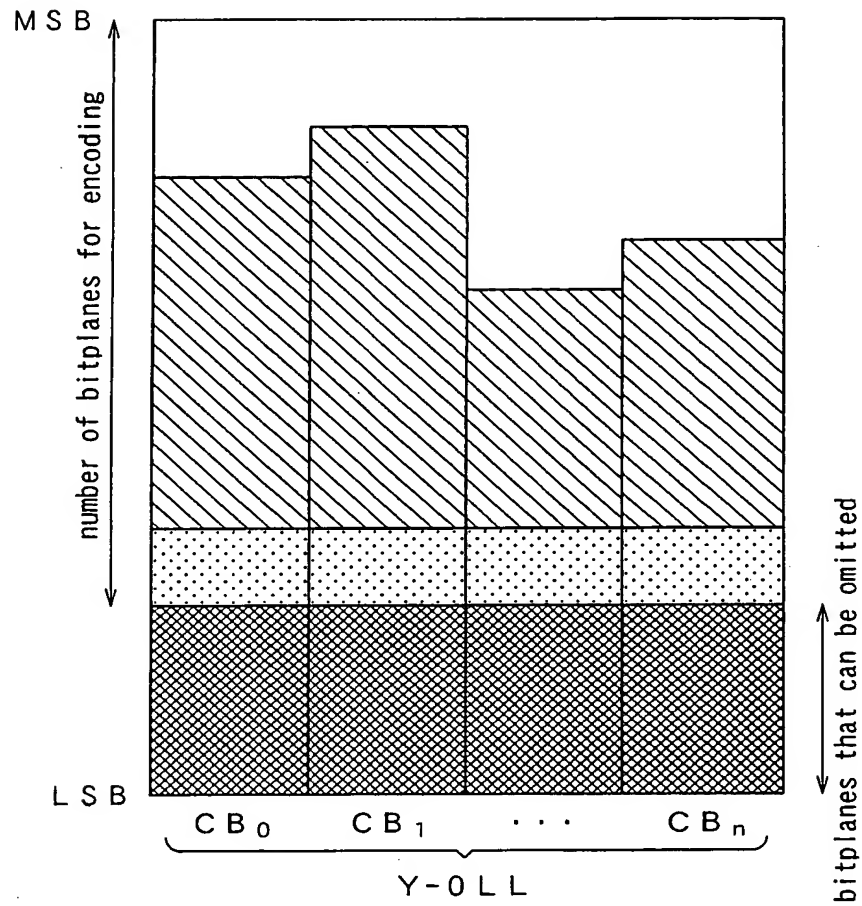


FIG. 14

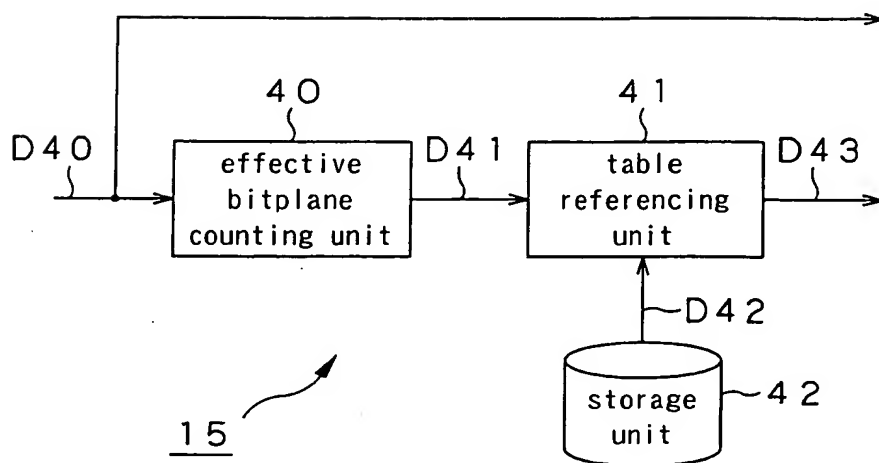


FIG. 15

number of effective bitplanes	number of encoding passes for encoding
0-500	8
501-1000	10
1001-	12

FIG. 16

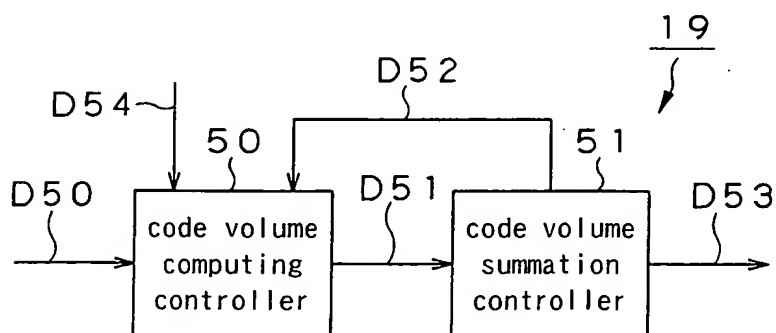


FIG. 17

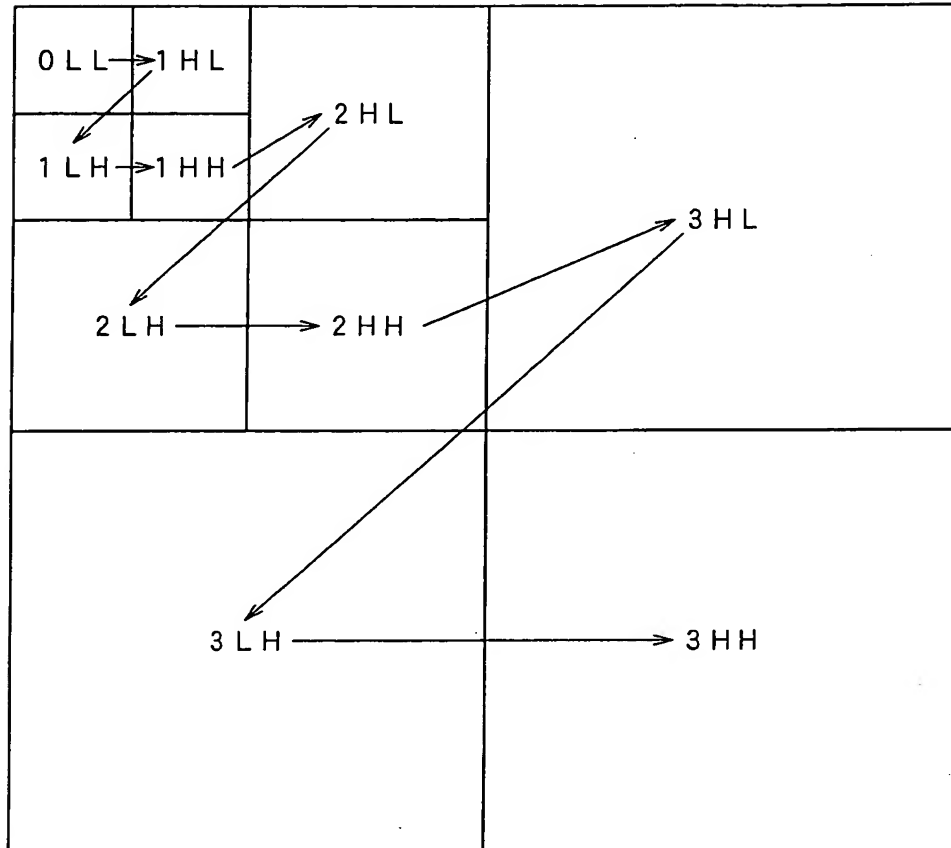


FIG. 18

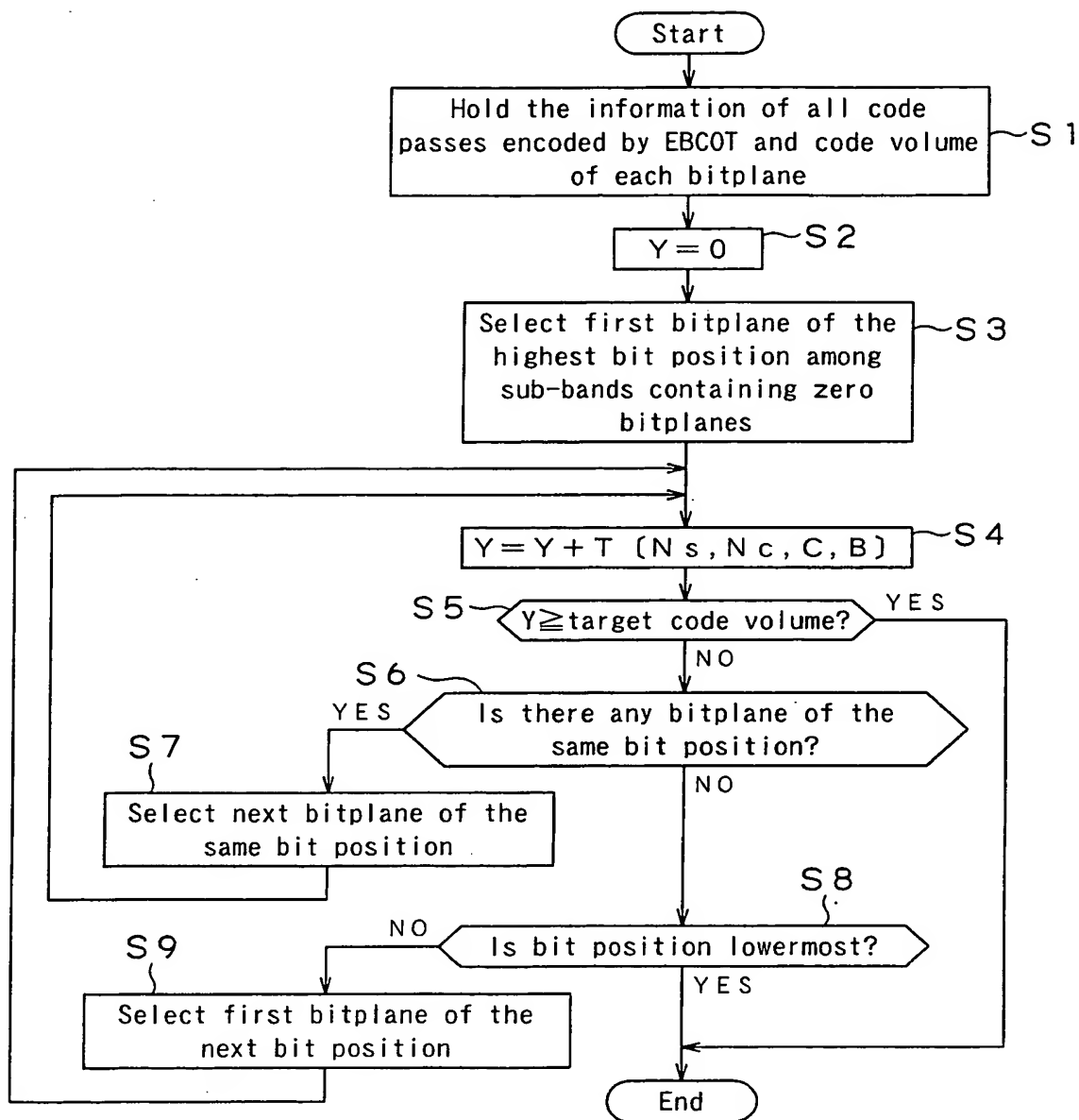


FIG. 19

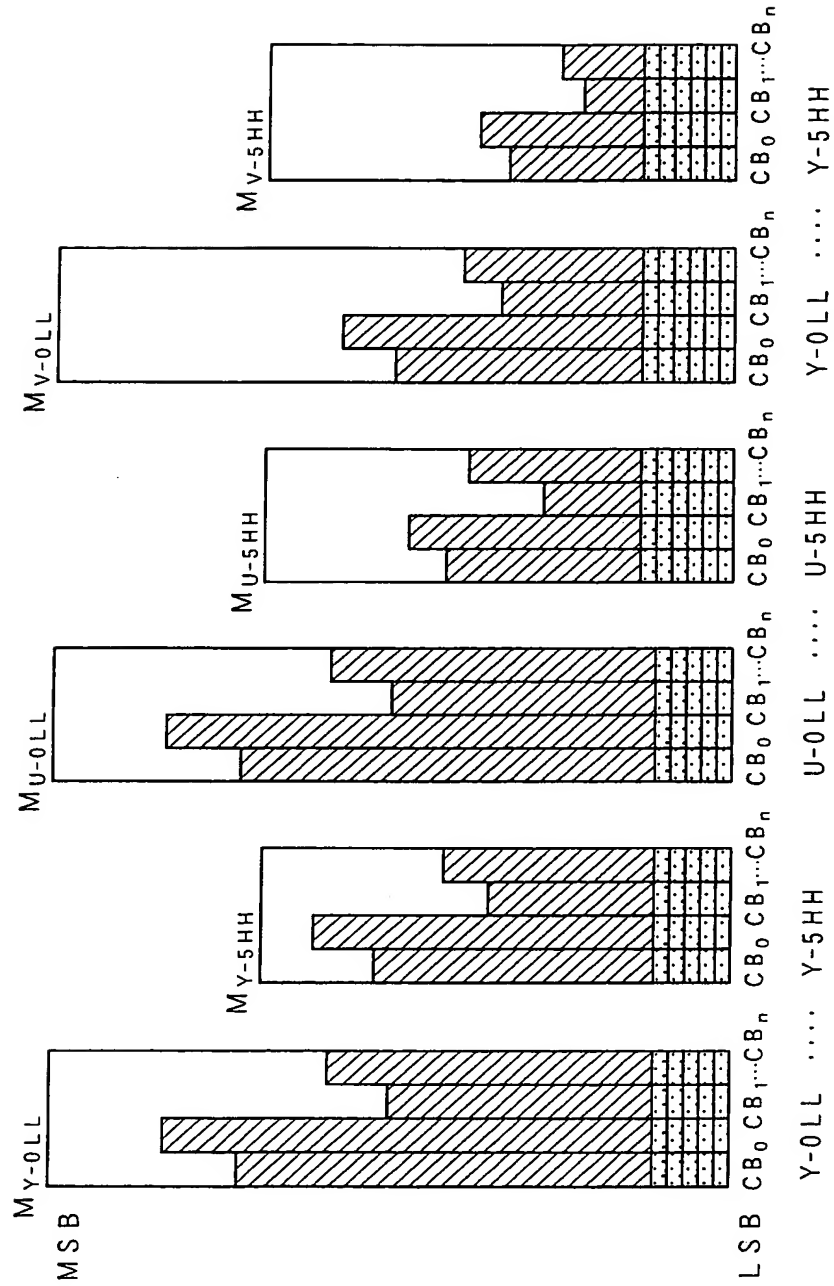


FIG. 20

Level	Y				Cb				Cr			
	LL	HL	LH	HH	LL	HL	LH	HH	LL	HL	LH	HH
0	1.000				1.000				1.000			
1		1.000	1.000	1.000		0.813	0.813	0.738		0.856	0.856	0.797
2		1.000	1.000	1.000		0.680	0.680	0.567		0.750	0.750	0.656
3		0.999	0.999	0.999		0.489	0.489	0.349		0.587	0.587	0.458
4		0.838	0.838	0.702		0.267	0.267	0.142		0.375	0.375	0.236
5		0.276	0.276	0.091		0.090	0.090	0.090		0.167	0.167	0.070

FIG.21

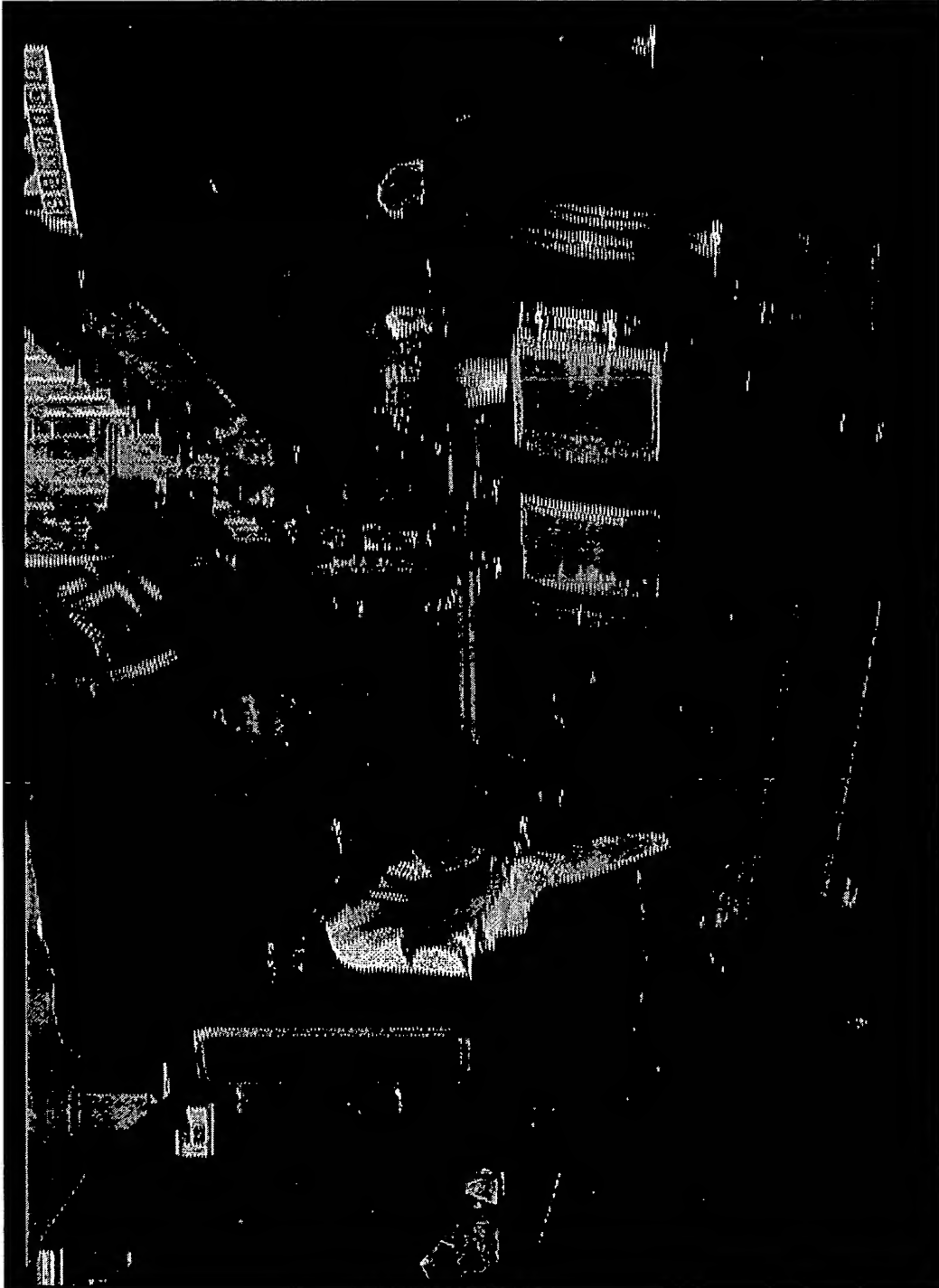


FIG.22

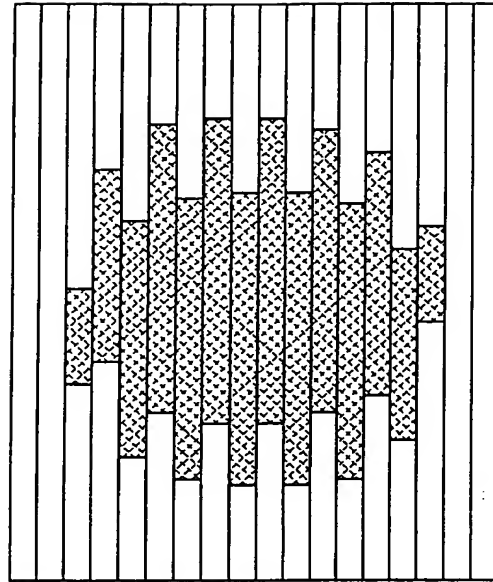


FIG. 23B

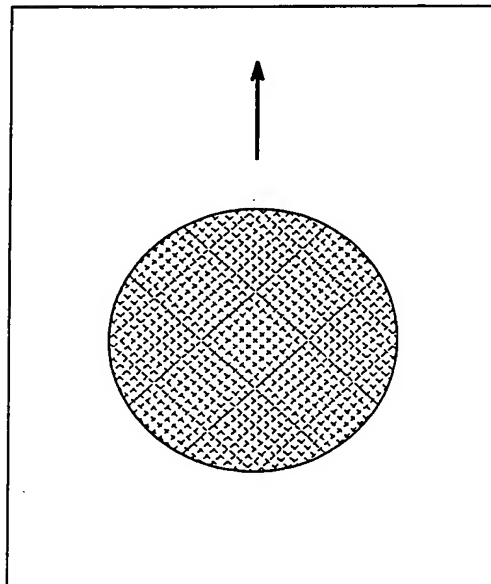


FIG. 23A

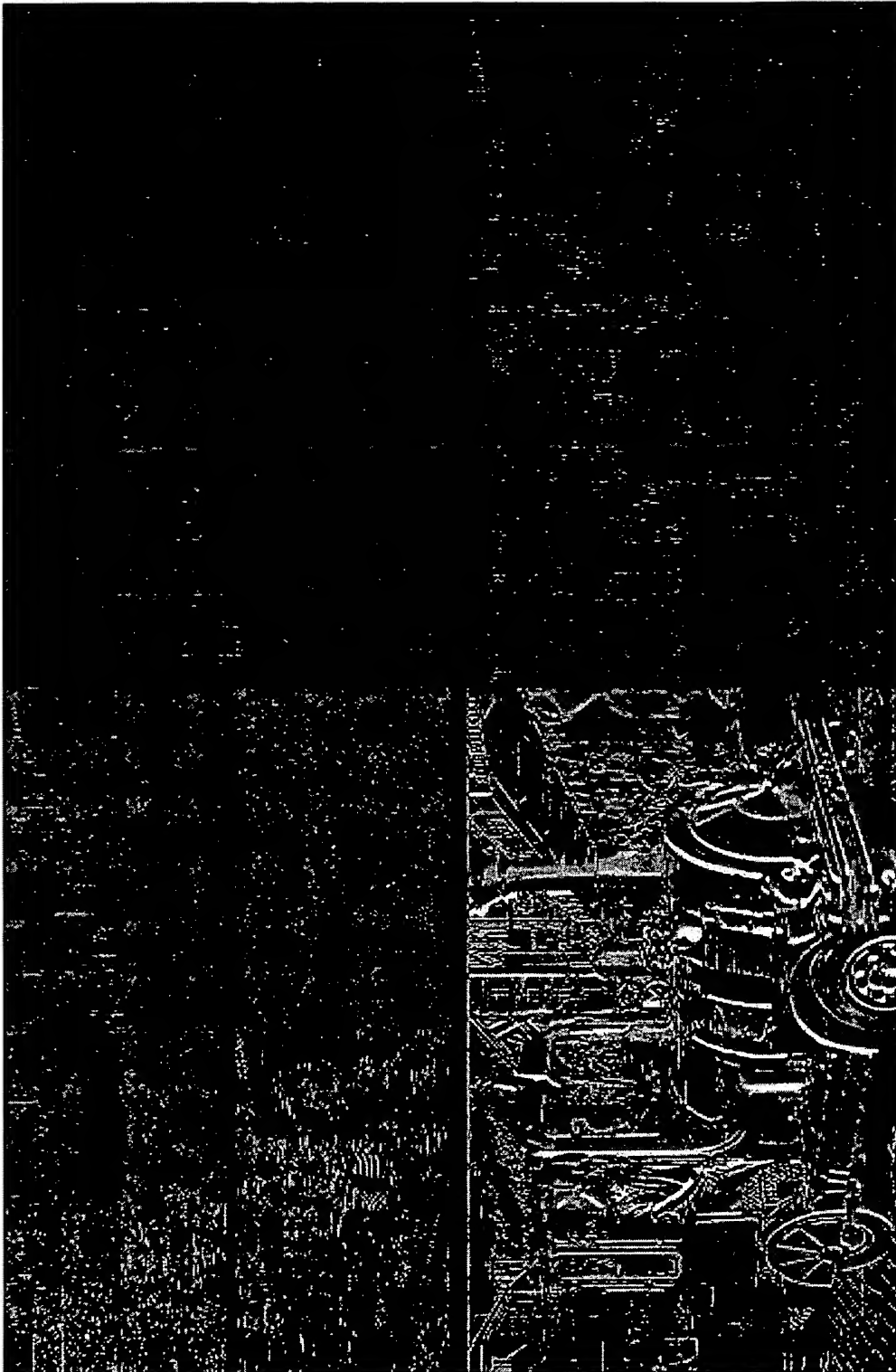


FIG. 24

Level	HL		LH		HH	
1	0-500	4	0-500	4	0-500	3
	501-1000	5	501-1000	5	501-1000	4
	1001-	6	1001-	6	1001-	5
2	0-500	4	0-500	3	0-500	3
	501-1000	5	501-1000	4	501-1000	4
	1001-	6	1001-	5	1001-	5
3	0-500	3	0-500	3	0-500	3
	501-1000	4	501-1000	4	501-1000	4
	1001-	5	1001-	5	1001-	5
4	0-500	1	0-500	1	0-500	1
	501-1000	2	501-1000	2	501-1000	2
	1001-	3	1001-	3	1001-	3
5	0-500	1	0		0-500	1
	501-1000	2			501-1000	2
	1001-	3			1001-	3

FIG.25